

**SYSTEM AND METHOD FOR IDENTIFYING A HEADSET  
TYPE IN AN ELECTRICAL DEVICE**

**ABSTRACT OF THE INVENTION**

5           A system and method are presented for identifying, in an electrical device having an audio interface port, a headset type. The system includes a microcontroller logic unit with an output, connected to a test network, to supply a test voltage. The test network also is connected to the audio interface port. The test  
10          network can include combinations of resistors, capacitors, and switches. A voltage determination sub-system has an input connected to the interface port line and an output to supply a determination signal responsive to voltage at the audio interface port. The logic unit has an input connected to the determination sub-  
15          system output and compares determination signal values with a predetermined threshold value to identify a headset type connected to the audio interface port.